International Application No
PCT/IB2004/050999

		PCT/1B2	2004/050999		
A. CLASSII I PC 7	FICATION OF SUBJECT MATTER H01L51/30				
According to	o International Patent Classification (IPC) or to both national classifica	ition and IPC			
	SEARCHED				
Minimum do	cumentation searched (classification system followed by classification HO1L	n symbols)			
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Documentat	ion searched other than minimum documentation to the extent that so	uch documents are included in the fields	searched		
Electronic da	ata base consulted during the international search (name of data bas	se and, where practical, search terms us	ed)		
EPO-In	ternal				
Category •	ENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.		
			Tiologan to claim 140.		
Х	WO 02/45184 A (BROWN BEVERLEY AN		1-8		
	LEEMING STEPHEN WILLIAM (GB); YE STEPHEN GEO) 6 June 2002 (2002-0				
	formula 10	,			
	page 8, line 20 - line 24 				
Х	EP 0 848 579 A (TOYO INK MFG CO) 17 June 1998 (1998-06-17)		1-7		
	cited in the application				
	tables 1,structure,7				
х	EP 0 917 216 A (LG ELECTRONICS I	NC)	1-7		
ļ	19 May 1999 (1999-05-19) chemical formula II				
	page 12				
		-/			
		•			
ļ					
X Furti	her documents are listed in the continuation of box C.	X Patent family members are list	ed in annex.		
° Special ca	ategories of cited documents :	"T" later document published after the	International filing date		
"A" document defining the general state of the lest which is not or priority date and n			with the application but r theory underlying the		
"E" earlier document but published on or after the international filing date		"X" document of particular relevance; to cannot be considered novel or can	nnot be considered to		
"L" document which may throw doubts on priority claim(s) or involve an inventive which is cited to establish the publication date of another chains or other special reason (as specified) "Y" document of particu			e document is taken alone he claimed invention		
"O" docum	n inventive step when the r more other such docu- prious to a person skilled				
"P" docume	ent published prior to the international filing date but han the priority date claimed	in the art. "&" document member of the same par	•		
Date of the	actual completion of the international search	Date of mailing of the international	search report		
3	30 August 2004	2.3 . 11. 2004			
Name and	mailing address of the ISA	Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	11-3-61			
i	Fax: (+31-70) 340-3016	Wolfbauer, G			

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		PC1/1B2004/050999		
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Category °	HOSHINO S ET AL: "DEVICE PERFORMANCE OF AN N-CHANNEL ORGANIC THIN-FILM TRANSISTOR WITH LIF/AL BILAYER SOURCE AND DRAIN ELECTRODES" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 41, no. 7A, PART 2, 1 July 2002 (2002-07-01), pages L808-L810, XP001151607 ISSN: 0021-4922 figure 1	Relevant to claim No. 1-7		

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-8
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8

A fluorinated organic conductor material for LEDs.

1.1. claims: 1-7

A conductor material represented by chemical Formula I.

1.2. claims: 1-8

A conductor material represented by chemical Formula II, XV and XXI.

1.3. claims: 1-7

A conductor material represented by chemical Formula III.

1.4. claims: 1-7

A conductor material represented by chemical Formula IV.

1.5. claims: 1-7

A conductor material represented by chemical Formula V.

1.6. claims: 1-7

A conductor material represented by chemical Formula VI.

1.7. claims: 1-7

A conductor material represented by chemical Formula VII.

1.8. claims: 1-7

A conductor material represented by chemical Formula VIII.

1.9. claims: 1-7

A conductor material represented by chemical Formula IX.

1.10. claims: 1-7

A conductor material represented by chemical Formula X.

1.11. claims: 1-7

A conductor material represented by chemical Formula XI.

1.12. claims: 1-7

A conductor material represented by chemical Formula XII.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1.13. claims: 1-7

A conductor material represented by chemical Formula XIII.

1.14. claims: 1-7

A conductor material represented by chemical Formula XIV.

1.15. claims: 1-8

A conductor material represented by chemical Formula XVI, XX, XXII and XXVI.

1.16. claims: 1-8

A conductor material represented by chemical Formula XVII and XXIII.

1.17. claims: 1-8

A conductor material represented by chemical Formula XVIII and XXIV.

1.18. claims: 1-8

A conductor material represented by chemical Formula XIX and XXV .

2. claims: 9-10

A diode comprising at least one conductive fluorinated organic substance.

Information on patent family members

International Application No
PCT/IB2004/050999

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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